



MOVE TO SUCCESS

 **motion06**
A DURAVANT COMPANY

Designs and manufactures high performance,
intelligent belt conveyors





Engineered for airport baggage handling systems, ecommerce material handling, post and parcel distribution

Motion06 is a global leader in the manufacture of top quality, precision performance technology for airport baggage handling systems, ecommerce, post & parcel systems and other industrial applications. We build, develop and install the most intelligent conveyor modules for airports, intralogistics and industry. The foundations of our company are providing complete solutions to our customers, while executing to the highest quality standards. Every one of our products stands for well thought-out, sophisticated technology, precision and intelligent simplicity.

Working with the Motion06 team means that you can concentrate completely on your core competences – we will provide the clarity, intelligence and functionality needed from the planning phase, through to the finished product.

The quality, performance and life span of our equipment characterize our intelligent solutions, which we proudly deliver to our customers.





AIRPORT, ECOMMERCE AND INTRALOGISTICS SOLUTION

Motion06 solutions are developed and produced individually so that our customers can concentrate completely on their core competences. Clarity, intelligence and functionality are incorporated from the planning phase through to the finished product. Sophisticated technology and intelligent simplicity, individual technical conveyor components or the complete system have just one aim — an optimal flow of material and production.

The quality, performance and life span characterize our intelligent special solutions, together with functionality, operational safety and cost-effectiveness for our customers.



Curve Belt Conveyors

With a conveying speed up to 3 meters per second (10' per second), flexibility and hardness is demanded of the bends. The area of application for the Curve Belt Conveyor belt bend is in the continuous or clocked transportation of packages, containers, packaged goods, etc. with changes in direction. The entire product range is a modular design and is designed based on state-of-the-art technology.

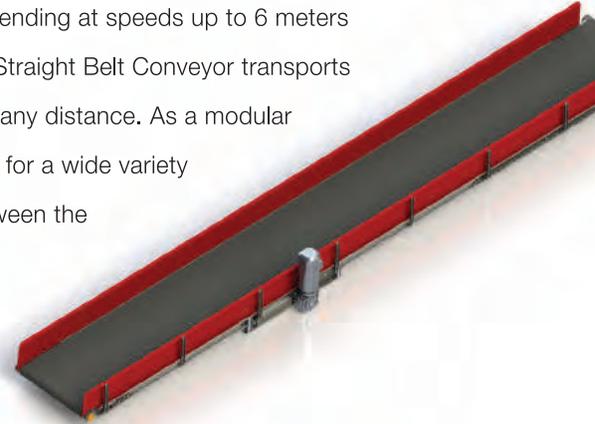


DEVELOPERS
OF INNOVATIVE
SOLUTIONS



Straight Belt Conveyors

Whether straight, ascending or descending at speeds up to 6 meters per second (20' per second) — the Straight Belt Conveyor transports packages and general cargo across any distance. As a modular system, the conveyor belt is suitable for a wide variety of requirements. The transitions between the individual conveyors are fitted with individual transition sheets.



Full Belt Merge

The Full Belt Merge operating at conveyor speeds up to 2.5 meters per second (8.2' per second), is an alternative to the Strip Belt Merge. Thanks to the sophisticated design using a belt, safe and fast transportation of the package or parceled cargo are ensured. In connection with a Horizontal Diverting Unit from Motion06, the merge can also be used to transfer packages outwardly at different angles.



Strip Belt Merge

From 0 to 2.5 meters per second (8.2' per second), the Strip Belt Merge's diagonal junction brings packages and general cargo onto the right track like no other. This precise construction — the strip merge design — can provide significant advantage for operational reliability.



AIRPORT, ECOMMERCE AND INTRALOGISTICS SOLUTION



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Vertical Sorting Unit

With a capacity of up to 1800 pieces of baggage per hour, strength and resilience are needed. The Vertical Sorting Unit is used for the distribution and merging of baggage and general cargo between two or three levels. The belt conveyor incorporated into the VSU is lifted and lowered using a lifting system with two steel-reinforced tooth belts. This maintenance-free lifting system has been tried and tested for decades.



S Transporting Unit

The S Transporting Unit is the next generation for lifting pieces of luggage up or down between levels. Capable of efficiently transporting baggage up to 100kg (220 pounds) – the STU is specially designed to achieve higher throughput compared to conventional vertical lifts. The continuous transport motion is due to its special chain redirection and the frame is designed in modules allowing for easy adaption to different heights. Lifetime lubricated bearings make this unit low maintenance.

Changing Directions

Vertical Transporting Unit

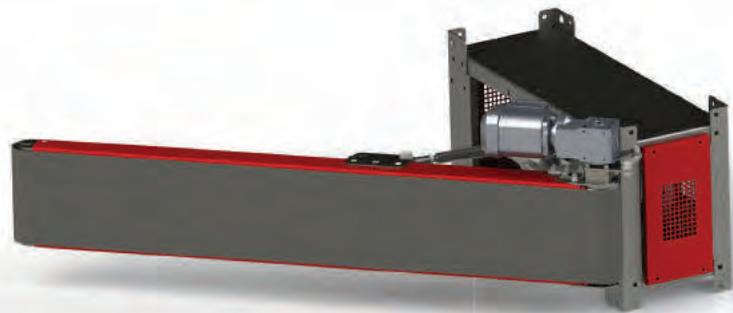
With its precise and high-performance lifting unit, the Vertical Transporting Unit lifter achieves a real feat of strength with ease!

The conveyor element installed on the lifter is raised and lowered precisely by a lifting unit with two steel-reinforced toothed belts. This maintenance-free lifting system has proven itself in practice for decades.



High Speed Diverter

The High Speed Diverter is ingenious, innovative and extraordinarily stable. Its job is to sort out pieces of baggage or general cargo from a conveyer line with the highest possible sorting output. Its capacity is up to 1,500 pieces of baggage per hour. Due to the stand-alone principle, the machine is easy to integrate without mechanical connection to the feed system (to the lower conveyer belt of the line).



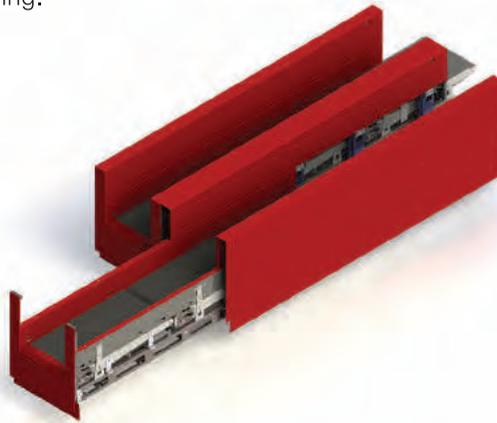


BAGGAGE CHECK-IN AND HANDLING SYSTEMS



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Motion06 baggage conveyors are at work in more than 60 airports throughout the world – including Germany, France, Portugal, Croatia, Denmark, China, India, Dubai, Singapore, South Africa and Qatar – ensuring that baggage is optimally sorted and transported from check-in to take-off and returned to the passenger as quickly as possible after landing.



Check-In Easy / Check-In Premium

Compact, flexible, fix-mounted or extendible, and perfectly maintainable. The family of check-in conveyors are characterized by optimal functionality by the operator and optimal accessibility for the passenger. The Check-in is the passengers point of contact with the entire flight baggage system. Whether it be the fix-mounted or the extendible version, simple and fast accessibility for maintenance and cleaning work is guaranteed with both.



Flat Slat Conveyor

When sorting and loading flight baggage, the highest level of reliability and dependability is required. The Flat Slat Conveyor was developed specifically for use in airports and is a real specialist. During development, one of the main focuses of attention was on the modular concept with convex and concave curves in order to effectively use the available space. With a noise level of approximately 60 dBA, the carousel is one of the quietest in its class.



Horizontal Sorting Unit

The perfect solution for the distribution on one level of up to 1,200 pieces of baggage per hour. The Horizontal Sorting Unit is used between two horizontal conveyor lines where baggage or general cargo is distributed or merged. The belt conveyor incorporated into the horizontal distributor is swiveled using a swivel system with steel-reinforced drive belts. This maintenance-free system has been tried and tested for decades. It is also possible to use it in flight baggage systems with a container system. The belt conveyor is replaced by an appropriate conveyor element for this purpose.



Inclined Transport Unit

Unique and light, this unit can quickly and safely overcome any height difference. The inclined conveyor transports flight baggage directly to the passenger boarding bridge, meaning it can be used in direct proximity to the aircraft.



Hand Baggage Control

The Hand Baggage Control conforms to the latest standard of technology and requires minimal staff involvement for handling. The defined field of use is automated hand baggage transportation into containers with automatic container return. This keeps the manual handling of the containers to a minimum.

QUALITY PRODUCTS. QUALITY SERVICE.



PRODUCTS THAT
WORK HARD.
PEOPLE THAT
WORK HARDER.

Our commitment is to provide the best products and the best service. While some products are less complex and may only require a manual or spare parts kit for servicing, others are more sophisticated which benefit from a preventive maintenance program for improved system reliability, long-term use and peace of mind.

24/7/365 Technical Support

Whether it's during the day, in the middle of the night, on a holiday or weekend, we know it's critical when a piece of equipment goes down. Our technical support staff is available to answer the call and arrange for a technician to be on-site quickly.



Field Service

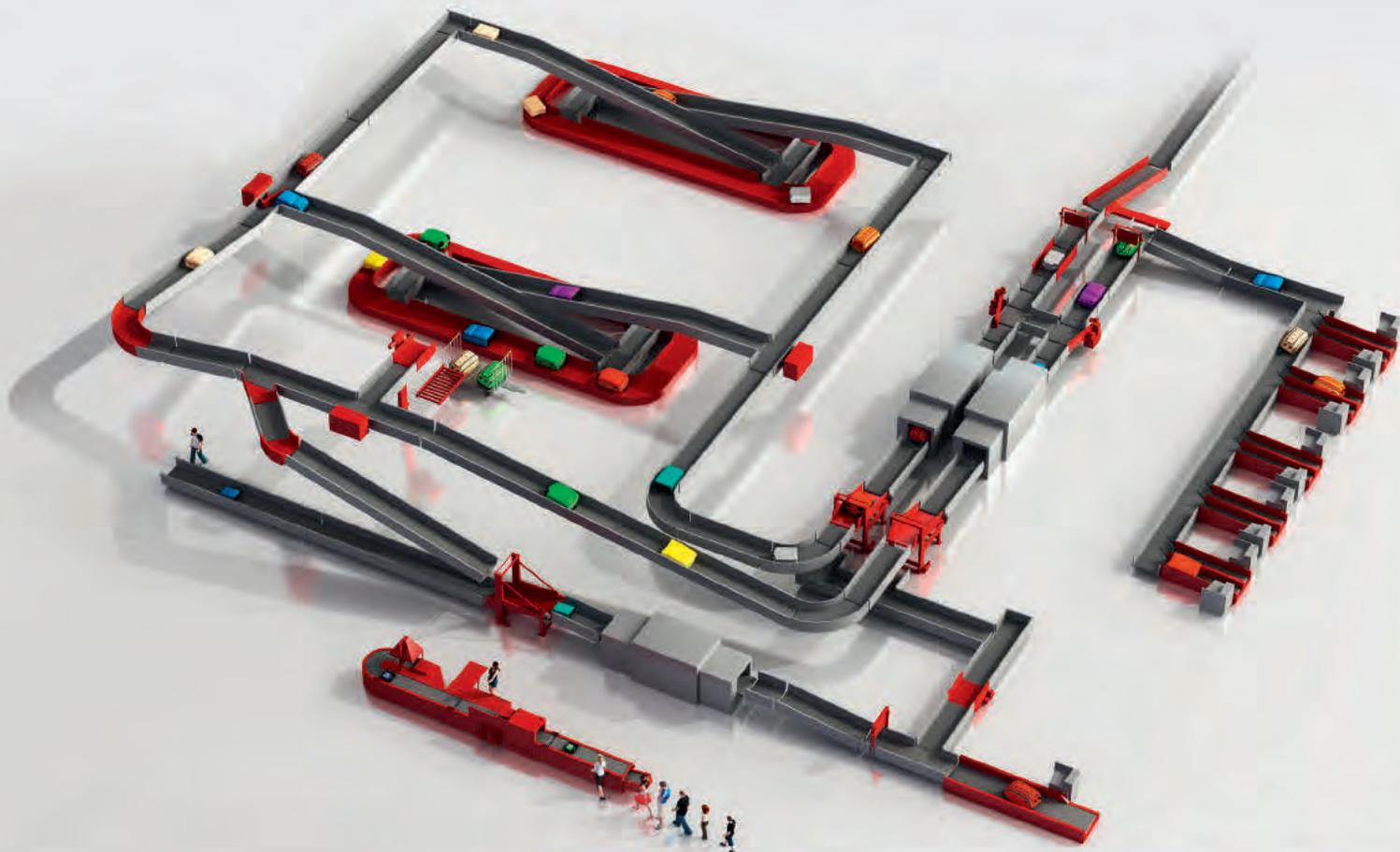
Our skilled technicians are highly trained and are regionally based to assist with emergency situations and scheduled service calls. These technicians are available to support your maintenance activities and objectives to increase productivity, reduce running costs, and maximize equipment availability.

Replacement parts

Replacement parts availability is key to ensuring our equipment performs around the clock. We have parts covering generations of our equipment because of their durability and reliability.

Preventive Maintenance

Our preventive maintenance program is more than an investment in protecting an equipment purchase. We create a partnership between the customer and Motion06 that enables us to provide support throughout the entire lifecycle of our products. From preventive maintenance to monitoring spare parts inventory, our mission is to improve operations and avoid the problems that cause costly downtime.





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